

Champion

Style 660

FLEXIBLE GRAPHITE PACKING RINGS

High purity moulded graphite sealing rings



CHAMPION Style 660 High Purity Graphite Packing Rings is high performance packing braided from high purity > 99% carbon with low ash, sulphur, reachable chloride, fluoride content with no binders. These rings are available in metallic and non metallic.

Key Features:

- Proper dissipation of heat due to good thermal conductance.
- Excellent sealability with minimal maintenance.
- High thermal and dimensional stability.
- Non-abrasive and low coefficient of friction.
- High chemical resistance.
- Corrosion inhibitor safeguards metallic interfaces from galvanic corrosion.

Applications:

CHAMPION Style 660 High Purity Graphite Packing rings can be used as rotary and rising stem, stop valve and control valve applications from pressure class #150 to #600.

This product is recommended for continuous pressures only: it should not be used where pressure surges occur.

Service Media:

Water, Superheated and saturated steam, oils, organic solvents, hydrocarbons, chemical products, petrochemicals, thermic fluids, corrosive fluids and low temperature fluids. Compatible with media in a range pH 1-14, excluding strong oxidising agents.

How Supplied:

As preformed graphite rings with a single split, supplied endless or split in two matched halves. Product made to order to suit application requirement and ring sets. Special size and lengths available on request based on OD/ID and thickness.

Typical Physical Properties	
Description	Typical Values
Density	1.5 - 2.0 g/cm ³
pH	0-14
Graphite Purity	> 99%
Ash content %	< 1%
Leachable Chloride	< 50 ppm
Sulphur content %	< 1200 ppm



VALVE STEM DUTIES

Maximum Operating Temperature:

+650°C / +1200°F (Steam)
+500°C / +900°F (Oxidising)
+1000°C / +1800°F (Non Oxidising)

Minimum Operating Temperature:

-200°C / -328°F

Maximum System Pressure:

25 MPa / 250 Bar (4350 psi)



CHAMPION SEALS INDIA PRIVATE LIMITED

Champion House, 15 Parsi Panchayat Road, Andheri (East), Mumbai – 400069. India
Product Inquiry : info@championseals.in
Customer Care Number: +91 98201 71162
Website : www.championseals.in

